



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 41] मई विल्ली, शनिवार, अस्तुवर 11, 1969 (आश्विन 19, 1891)
No. 41] NEW DELHI, SATURDAY, OCTOBER 11, 1969 (ASVINA 19, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रबिबुधनायुं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 11th October, 1969

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

20th September 1969

123223. M. W. Desai and V. G. Daftary. Making strips for detection of glucose in urine.
123224. Raghubir Chakravarty, Anjann Ghosh and Prabir Ranjan Ghosh. A rotary system which can be used in turn as a fluid compressor and internal and external combustion engine.
123225. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
123226. The British Petroleum Company Limited. Disproportionation catalyst. (6th November 1968).
123227. B. Bottger. Tow for swimmers.
123228. K. N. Misra. Relating to the plotting of loci of configurations one symmetrically mounted typebodies or typebodies mounted according to Indian Patent No. 107494, meant for typewriters/teleprinters and likemachines, to provide desired and desirable results or half spacing.

22nd September 1969

123229. Biswajit Ghosh. A new type of starting relay for refrigerators & Air conditioners.
123230. N. M. Shah. Improvement in or relating to vifor equipment for cardio pulmonary bypass in open heart surgery-(oxygenator),

L277GI/69

123231. Council of Scientific and Industrial Research. Improvements in the process for the preparation of 2, 4-dichlorophenoxy acetic acid (2, 4-d).
123232. Dr. C. C. Trivedi. Improvement and modification in internal combustion engines.
123233. Vsesojuzny Nauchno-Issledovatel'sky I Proektiro-Konstruktorsky Institute Metallurgicheskogo Mashinostroenia. Converter.
123234. Letraset Limited. Production of decorated ceramic ware. (23rd September 1968).
123235. Industriële Onderneming Wavin N. V. Improvements in a method and device for manufacturing a transversely or helically grooved plastic tube with a smooth inner wall.
123236. The British Petroleum Company Limited. Preparation of olefins. (6th November 1968).
123237. Glanzstoff A. G. Synthetic hollow fibre. (7th July 1969).
123238. Ciba Limited. Process for the manufacture of new O-desacetyl-7-n-acylamino-cephalosporanic acids.
123239. N. V. Philips Gloeilampenfabrieken. Electronic device.
123240. Montecatini Edison S.p.A., and G. D. Varda. Furnaces with bipolar electrodes for the production of metals, particularly aluminium, through electrolysis of molten salts, equipped with auxiliary heating facilities.
123241. Istituto Nazionale Chimico Biologico S.r.l.. A process for preparing deproteinized blood extract having a healing action and product obtained thereby.
123242. Allmanna Svenska Elektriska Aktiebolaget. Vertical tube furnace for high operating pressure.
123243. Joseph Lucas (Industries) Limited. Electrical lamps. (30th September 1968).

123244. Werkzeugmaschinenfabrik Oerlikon-Buprlé AG. An indirectly acting compressed air brake dependent on the load.
123245. Haarmann & Reimer Gesellschaft Mit Beschränkter Haftung. Smokable products and a process for their production.
123246. G. Singh and Devi Rani Bhatia. A safety valve for domestic pressure stoves.
123247. G. Singh and Devi Rani Bhatia. Domestic grating machine for carrots etc.
- 23rd September 1969
123248. B. K. Sinha. Lever Steam engine.
123249. B. M. Beards. Beards dobby drive attachment.
123250. Farbenfabriken Bayer Aktiengesellschaft. Phosphoric, phosphonic thionophosphoric and thionophosphonic acid esters and process for their preparation.
123251. Farbenfabriken Bayer Aktiengesellschaft. Process for the dyeing and printing of textile materials.
123252. Borg-Warner Corporation. Hard facing composition and method of manufacture.
123253. Imperial Chemical Industries Limited. Reactive dyestuffs.
123254. Arthur G. Mc Kee & Company. Treatment of material on a moving support.
123255. Chas. Pfizer & Co., Inc. Process for making crystalline alkali metal salts of α -carboxybenzylpenicillin. (10th April 1969).
123256. Norton Company. Ceramic article and production thereof.
123257. Vsesojuzny Nauchno-Issledovatel'sky Institut Neftekhimicheskikh Protseessov. Process for the aromatization of hydrocarbons.
123258. Arbeitsstelle für Molekularelektronik. Four point measuring head for finding out the specific resistance from semi-conductor material.
123259. Norddeutsche Affinerie and C. F. Spiess & Sohn. Packing container for scatterable materials.
123260. Polymer Products Company. Seats for commodes.
123261. Fukuoka Kagaku Kogyo Co., Ltd. Improvement of footwear.
123262. P. Zimmer. Improvements in or relating to a screen holder for an end of a rotary screen.
123263. Institut Français Du Pétrole, Des Carburants Et Lubrifiants. New organic compounds of the transition metals, their manufacture and uses, particularly as polymerization catalysts.
- 24th September 1969
123264. Mitsubishi Jukogyo Kabushiki Kaisha., and Idemitsu Petrochemical Co., Ltd. Reactor for high viscous materials.
123265. Ucb (Unlon Chimique-Chemische Bedrijven) S. A. Shaped article with insecticidal properties. (26th September 1968).
123266. J. R. Gelgy A. G. Process for the production of new substituted aryloxy and arylthioacetic acids, their lower alkyl esters and their salts.
123267. Bush Boake Allen Limited. Perfumery compositions. (27th September 1968).
123268. The Champion Paper Company, Ltd. Microcapsular opacifier system.
123269. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Tilttable crucible or converter.
123270. G. K. N. Screws & Fasteners Limited., and The Plessey Company Limited. Power tools.
123271. R. R. Pardasani. Improvement in or relating to locks.
123272. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Water-soluble disazo dyestuffs and their complex metal compounds and process for preparing them.
123273. Societe L'Appareils De Controle Et D'Equipment Des Moteurs S. A. C. E. M. Improvements to disc brakes controlled by bowden cables.
123274. Fizicheskij Institut Imeni P. N. Levedeva. Nuclear radiation detector and device for detecting low-energy nuclear radiations and nuclear radiations in corrosive (reactive) media.
123275. The Scientific Adviser to the Defence Minister, Ministry of Defence, Govt. of India. Passivation of brass to prevent dezincification.
123276. Polee Feb. An improved syphon-pump for taking out liquid contents from a container.
123277. Ciba Limited. Tetracyclic acids, process for their manufacture and compositions containing them.
123278. Knapsack Aktiengesellschaft. Process and apparatus for the manufacture of most finely pulverized red phosphorus.
123279. Anglo American Corporation of South Africa Limited. Upgrading of chromite and other ferruginous ores.
123280. Sandoz Limited. Novel bis-phenoxy malonic acid derivatives and process for the preparation thereof. (5th January 1967). [Divisional date 4th January 1968].
123281. Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co., Ltd.). Engine air-cooling and car room heating apparatus in motorcar.
123282. Union Carbide Corporation. Polymerization of olefins using supported π -arenechromium tricharbonyl catalysts.
123283. N. V. Philips Gloeilampenfabrieken. Flash-light lamp of the combustible type.
123284. N. V. Philips Gloeilampenfabrieken. Flash-light lamp of the combustible type.
123285. N. V. Philips Gloeilampenfabrieken. Piezo camera.
123286. K. P. Menon. Coir spinning machine.
123287. K. P. Menon. Re-inforced cord yarn.
123288. Hajasri alias Ch. A. N. Raju. Planting machines.
- 25th September 1969
123289. Council of Scientific and Industrial Research. Improvements in or relating to stripping of nickel deposits.
123290. Council of Scientific and Industrial Research. Improvements in or relating to the life of the lead dioxide anodes in the electrolytic production of perchlorates.
123291. Kannappan Saraswathi Bal. An aerial bus bar board.
123292. A. C. Patel. Improvements in or relating to stacking-cum-nesting bins.
123293. J. N. Vazifdar. A semi-automatic device for converting any gas stove or like appliance into a self igniting appliance.
123294. Rhone-poulenc S.A. Ion exchange copolymers and membranes made thereof.
123295. Joseph Lucas (Industries) Limited. Battery charging systems. (30th September 1968).
123296. Imperial Chemical Industries Limited. Antistatic compositions. (1st October 1968).
123297. J. J. Schorscher and W. E. Hodges. Improvements in concrete.
123298. Laboratories Miquel, S. A. Method for obtaining derivatives of aryloxyisobutyric acids.
123299. Cannon Limited-Cannon Limitee. Curve liners. (27th September 1968).

123300. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Novel tricyclic compounds and their manufacture.
123301. El Paso Products Company. Esterification and extraction process.
123302. Femipari Kutato Intezet. Process for producing direct-dyed oxide coats on aluminium and on aluminium alloys by means of anodic oxidation.
123303. Algemene Kunstzijde Unie N. V. An improved process and apparatus for the drawing of a thermoplastic thread.
123304. National Distillers and Chemical Corporation. Substituted hydroxybenzylthio derivatives. [Divisional date 25th March 1968].
123305. Leningradsky Ordena Lenina Politeknicheskyy Institut Im. M.I. Kalinina. Programmer for successive timing of working cycles in the apparatuses for control and regulation of industrial plants.
123306. Vsesoyuzny elektrotekhnicheskyy Institut imeni V.I. Lenina. Photosensitive semiconductor device.
123307. Scientific Adviser to the Defence Minister Government of India. Diagnostic reagent strips for testing albumin in urine—its method of preparation.
123308. S. M. Nadkarni and Mrs. Seeta Sadashiv Nadkarni. Amino acids fortified cooked dehydrated food-grains.
123309. T. S. Philip, P. I. Thomas, Mrs. Sosamma Jacob, K. G. Jacob, K. C. John, Z. Thomas, Mrs. Penamma Abraham, K. George, M. George, Mrs. Rosamma Markos, P. Thomas, Mrs. Annamma Kuriakose, P. T. Markos, P. T. Elias, T. P. Zachariah, T. P. Thomas, T. J. Thomas, A board by pasting designed coir mats and plywood and converting them into decoir-ply boards.
123310. I. R. Parmar. Improvements in or relating to bracelets for wrist watches or like other devices.

26th September 1969

123311. Council of Scientific and Industrial Research. Improvements in or relating to the fabrication of bipolar monolithic integrated circuits.
123312. Balsara Hygiene Products. Improvements in or relating to materials for polishing metal, wood, plastic or other hard surfaces.
123313. K. K. Xavier. An improved board lifting mechanism for drawing boards or like boards for any purpose.
123314. K. K. Xavier. An improved board tilting mechanism for drawing boards or like boards for any purpose.
123315. United States Steel Corporation. Apparatus for marking a moving hot coil.
123316. Universal Oil Products Company. Reforming process.
123317. BP Chemicals (U.K.) Limited. Process for the preparation of modified resins. (1st October 1968).
123318. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (1st October 1968).
123319. P. T. Joseph. Production of titanium compounds from ores containing oxides of titanium and iron. [Addition to No. 120267].
123320. Midland Silicones Limited. Vulcanisable organosilicon compositions. [Divisional date 17th May 1968].
123321. Studio Foto Lite. Multi-prong clip.
123322. El Paso Products Company. Improved process for the manufacture of adiponitrile.
123323. G. L. Cholera. Index card apparatus.

Alteration of Date

122712. Ante-dated to 22nd January 1968 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

113591. Gosudarstvenny Nauchno-Issledovatel'skiy i proektny institut "Giprotyumenetgaz". A device for drilling wells. Accepted on 15th September 1969.

Comprising a drilling rig, an air tight box, a frame cantilever-mounted around the base, the frame being closed by air-tight material merging into an elastic deflector and means for supplying pressurised air under the base.

113637. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the preparation of high percent nitrogen monoxide. Accepted on 15th September 1969.

Characterised in that a mixture of 1 part of ammonia with 1.10 to 1.27 parts by volume of oxygen is subjected to oxidation on a platinum rhodium catalyst in the presence of steam.

113703. Council of Scientific and Industrial Research. Improvements in or relating to magnesium zinc ferrites. Accepted on 20th September 1969.

Having composition $Mg_x Zn_y Co_z Fe_w O_{4+\delta}$ which consists in solid state reaction between in gradient oxides or carbonates or other substances which decompose into oxides when heated at elevated temperatures.

113780. Franz Morat G.M.B.H. Method and apparatus for automatically producing pattern masters for the patterning of knitted and woven goods. (11th December 1967). Accepted on 26th September 1969.

Comprising two co-ordinate drafting machines which are electrically connected together and each having co-ordinate carriage which is adapted to move a step at a time in the direction of the X and Y axes by means of stepping motors.

113848. Hercules Incorporated. Colloidally dispersible α -olefin copolymers and a process of preparing the same. Accepted on 24th September 1969.

Comprises process for the preparation of a copolymer of a first α -olefin selected from ethylene butene-1, pentene-1, 3 methyl butene-1, hexene-1, 4 methyl pentene-1, and styrene and about 2—25 mole% of a second olefin having 2 to 20 carbon atoms.

113861. Cavitron Corporation. Apparatus for removal of cohesive mass of unwanted material from an enclosed area. Accepted on 20th September 1969.

Comprises, means for applying high frequency vibrations of minute amplitude to the unwanted material to reduce the mass of material to small particles, means for supplying a dispersion supporting medium to bathe the material in the region in which the vibrations are applied, and means to draw off the resulting dispersion of material particles in the medium.

113918. Chase Brass and Copper Co., Incorporated. An article of corrosion resistant non-homogeneous copper-nickel alloy. Accepted on 20th September 1969.

Forming a mixture of 30-50 percent by weight of copper 50-70 parts by weight of nickel powders, forming a desired shape of mixture, heating in a reducing atmosphere above the melting point of copper and below melting point of nickel whereby a non homogeneous copper nickel alloy is obtained whose core is richer in nickel and surface richer in copper.

114030. Allied Chemical Corporation. Process and apparatus for the production of hydrogen chloride and calcium siluminate. Accepted on 24th September 1969.

Comprises (1) reacting a hydrated calcium chloride composition with silumina (2) removing flue gas from the fluidized bed, (3) withdrawing calcium siluminate from the fluidized bed.

114101. American Flange & Manufacturing Co., Inc., Overload compensator for cap crimping apparatus. Accepted on 24th September 1969.

An improved apparatus for crimping light weight metal closure caps out bottle or other receptacle necks.

114159. Shell Internationale Research Maatschappij N. V. Process for preparing impregnated catalysts. (23rd January 1967). Accepted on 22nd September 1969.

Process for the preparation of catalysts characterised in that following the impregnation with a solution of one or more catalytically active substances, the impregnated carriers are partially dried and then impregnated with a solvent for the catalytically active substance, the carriers being kept in the fluidized state and the process is carried out at a temperature lower than the impregnating solvent at the prevailing pressure.

114209. Monsanto Chemicals Limited. Production of silica sols. Accepted on 25th September 1969.

In which an electric current is passed through a liquid medium comprising water a monohydric alcohol, and containing sulphuric acid or hydrochloric acid as a supporting electrolyte, using an anode comprising silicon in contact with the liquid medium.

114244. Ministerul Petrolului. Process for producing motor oils with improved characteristics. Accepted on 24th September 1969.

Process for the production of motor oils from petroleum raw materials which comprises hydrogenating narrow oil cuts in the presence of hydrogenation catalysts such as sulphides of metals of group VI or VII deposited on a support, subjecting the hydrogenated products to a stripping operation and introducing the stripped gas into known low pressure fuel gas net work to prevent atmospheric pollution and then fractionating the stripped products according to demand.

114292. Tezuka Kosan Kabushiki-Kaisha. Refuse blocks used for reclamation of sea or rivers and for land development and the like. Accepted on 20th September 1969.

Composed of dehydrated compact, substantially solid lumps whose apparent specific gravity is augmented and whose girth is compressedly wrapped with a cover material.

114293. Tezuka Kosan Kabushiki-Kaisha. A device for producing a refuse block by compression. Accepted on 20th September 1969.

Comprising preliminary compressing means, wrapping means to apply cover around the block and secondary compressing means for compressing the covered block.

114344. Kanegafuchi Boseki Kabushiki Kaisha and Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S. p. A. A method of producing non-sticky filamentary material consisting of copolyamide. [Addition to No. 108473]. Accepted on 20th September 1969.

By dissolving the olefine polymer into an organic solvent and adding the resultant solution to the copolymerisation reaction and removing said solvent before melt spinning the copolymerised copolyamide.

114388. Tezuka Kosan Kabushiki Kaisha. Refuse blocks. Accepted on 20th September 1969.

Obtained by coating the girth of dehydrated compact solid refuse blocks with a layer of a coating material selected from among bituminous matters, bituminous compositions, cementitious compositions and composites of the bituminous compositions and the cementitious compositions.

114390. Rank Xerox Limited. A photoconductive member and its use in a xerographic imaging process. Accepted on 20th September 1969.

Comprises (a) a first layer comprising selenium, and (b) overlying first layer a second layer comprising an insulating resin binder having a photoconductivity imparting material dispersed therein.

114770. Ravindra Nath Seth. Semi-automatic anchoring and locking device for containers used in rail or road vehicles. Accepted on 26th September 1969.

Comprising a locking spindle within a main housing, means for turning the spindle, catch means, release means for the spindle.

114952. Council of Scientific and Industrial Research. An electronic device for checking speed of automobiles on roads. Accepted on 15th September 1969.

Comprises two rubber tubes, two identical sensitive pressure switches, a multivibrator unit, a condenser which stores the charge.

114963. Siemens Aktiengesellschaft. A semiconductor rectifier. Accepted on 15th September 1969.

Comprising a monocrystalline semiconductor wafer having a p-conductive layer and an n-conducting layer, which layers meet in a pn-junction, each layer comprising an outer sub-layer and an inner sub-layer the inner sub-layer being weakly doped than the outer sub-layer.

115023. Leningradsky filial Vsesojuznogo Nauchnoissledovatel'skogo Instituta electromekhaniki. Electrical insulating material and method of applying same on elements of electric machines. Accepted on 18th September 1969.

Characterised in that the bonding agent is a mixture of epoxy and novolak resins, the proportion being 0.01-0.03 g of novolak per 1 gm of epoxy groups in epoxy resin.

115027. Svenska Rotor Maskiner Aktiebolag. A method of making a bundle of plates to be used as heat exchange material in a regenerative heat exchanger. Accepted on 18th September 1969.

Comprising placing in lateral abutment a plurality of elastically flexible plates, comprising said plurality of flexible plates between a pair of concentrically disposed curved pressure members until the flexible plates assumes a curved form, and connecting together said pressure members while the flexible plates are similarly curved.

115051. D. P. Ahuja. Slurry polymerization of one or more β -propiolactones, at least 50 mol% thereof being pivalolactone, and preparation of a living prepolymer suitable for being used as initiator in the said polymerization. Accepted on 19th September, 1969.

Process for the slurry polymerisation of one or more β -propiolactones, at least 50 mol% thereof being pivalolactone characterised in that the polymerisation of the lactone or lactones is carried out in a liquid hydrocarbon diluent and in the presence of a solid initiator containing anions derived from one or more carboxylic acids, the said initiator being insoluble in hydrocarbon diluent.

115065. Tebu Caribbean N. V. A method for the continuous covering of plate or strip material, a device to be used therefor, and covered material manufactured according to the said method. Accepted on 19th September 1969.

By leading the plate or strip material from a stock roller or reel through a fluid adhesive and/or binding agent bath, then passing it between one or more sets of roller, applying a filling layer and a covering layer to one or both sides, longitudinally profiling by profile rollers cutting off the profiled product and if desired curving in lengthwise direction.

115069. General Electric Company. A method of forming a cast rod. Accepted on 20th September 1969.

Cooling the rod at a temperature where mechanical working can be done without cracking, worked to reduce diameter, cooling further below the temperature at which copper will oxidise in air, all the operation being conducted in protective atmosphere of hydrogen and nitrogen to prevent oxidation.

115082. International Standard Electric Corporation. Automatic switching system, selecting system and check circuits. Accepted on 20th September 1969.

Comprising one or more switching stages, and inlets of different types, and a plurality of control circuits adapted to control the establishment of switching paths.

115111. Oy Tampella Ab. Barrel-end or barrel-extension or assembly on barrels for smooth-bore projectiles. Accepted on 22nd September 1969.

Characterized in that radial openings are arranged in the barrel or assembly, in the inner circumference of the barrel end or of the muzzle assembly the inner diameter being identical to, and correspond to that of the barrel.

115112. Oy Tampella Ab. Barrel-end or muzzle assembly for smooth-bore projectiles. Accepted on 22nd September 1969.

Characterised in that openings are provided in the barrel or assembly on the inner circumference of the barrel-end or of the muzzle assembly with an inner diameter identical to and corresponding to that of barrel.

115139. Union Carbide Corporation. Process of forming a shoe upper. Accepted on 22nd September 1969.

Comprising producing a male die supporting a pre-cut blank of shoe upper, passing said male die against said blank while applying heat to said blank and fluid pressure.

115204. Council of Scientific and Industrial Research. Improvements in or relating to electrolyte for tantalum electrolytic capacitors. Accepted on 23rd September 1969.

Comprises ethylene glycol and water wherein an ammonium or substituted ammonium salt of an organic acid where the anion is selected from the group consisting of citrate, oxalate or picrate is present.

115240. Joseph Lucas (Industries) Limited. Gaiters for electrical connectors. (3rd May 1967). Accepted on 24th September 1969.

Comprising a first and second portion in the form of insulating sleeve enclosing a conductive member connected to a lead at one end and a terminal at the other.

115257. International Business Machines Corporation. Printer. Accepted on 24th September 1969.

Comprising a pressure roll assembly, means to press and move the roll assembly across a selected symbol, the roll assembly having a plurality of individually presentable resilient surface portions.

115308. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to photoelectric devices. (14th April 1967). Accepted on 23rd September 1969.

Comprising an inner member having a supporting surface for the photo-electric elements and a hollow skirt, an outer sealed double walled member, lead wires being led out between the skirt and the inner wall of said double walled member.

115321. J. Martin. Method and apparatus for stowing cables and in particular cables utilised in vehicle ejection seats. (21st June 1967). Accepted on 23rd September 1969.

Comprising a stowed cable and a rigid former or carrier provided with a bed in the form of a groove in one surface thereof in which a portion of the stowed cable is coiled, parts of the cable adjacent opposite ends of said coiled portion being embraced by a clip having one or more tongues which pass through an opening.

115342. N. V. Philips' Gloeilampenfabrieken. Method of manufacturing a semiconductor device and device manufactured by said method. Accepted on 23rd September 1969.

Comprising a semiconductor body having a silicon layer comprising its land shaped silicon regions and a pattern of silica extending throughout the thickness of the layer, on either side of which layer a group of substantially parallel metal tracks is provided.

115357. N. V. Philips' Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device obtained by carrying out said method. Accepted on 25th September 1969.

Comprising a semiconductor silicon body with at least one semiconductor circuit element in which flat, planar pattern of silicon oxide is provided the surface of the silicon body being protected locally from the oxidation.

115376. Westinghouse Electric Corporation. A three-region semiconductor device and method of producing the same. Accepted on 25th September 1969.

Comprising a first region of one conductivity type, a second region of the opposite conductivity type in the form of a second epitaxial layer and a third region of said one conductivity type in the form of a third epitaxial layer.

115377. Westinghouse Electric Corporation. A three-region semiconductor device and method of producing the same. Accepted on 25th September 1969.

Comprising a first region of one conductivity type, a second region of the opposite conductivity type in the form of a second epitaxial layer, and a third region of said one conductivity type in the form of a diffusion region.

115576. Nani Gopal Paul. Metal composition in plastic state. Accepted on 26th September 1969.

Comprising steel powder and bonding substances in the form of epoxy resin.

115584. Dorr-Oliver Incorporated. Process for producing phosphoric acid. Accepted on 20th September 1969.

Characterised in that the slurries of the hemihydrate and dihydrate are simultaneously and separately filtered on a filter washing it with filtrate, recycling at least a portion and then washing with water.

115681. The Solartron Electronic Group Limited. Improvements in successive approximation analogue-to-digital converters. (17th May 1967). Accepted on 24th September 1969.
- Comprising means for generating standard signals means for comparing input signal with a comparison signal made up of the sum of selected ones of the standard signals and controlling logic adapted to add the standard signals to the comparison signal in succession.*
115730. Shri Dhar. A process for treatment of wood surface. Accepted on 22nd September 1969.
- Applying and drying a coating of an adhesive on either sides of a wood surface, applying treated thermoplastic film to the surface, the bonding being effected only when said film is in a heated condition.*
115731. Shri Dhar. Decorative laminate. Accepted on 22nd September 1969.
- Coating an adhesive on a cleaned thermoplastic film, applying said adhesive coated film on a treated wood surface, subjecting the combination to pressure and subsequently heating it.*
115732. Shri Dhar. Decorative laminate. Accepted on 22nd September 1969.
- A transparent plastic film is adhered to the first side of a wood surface and a protective coating is applied to the second surface.*
115841. Hindustan Vacuum Glass Limited. Improvements in or relating to thermoflasks. Accepted on 26th September 1969.
- Having no base support for glass refill which has a provision of a support at its neck engaged by a threaded ring to which a plastic shoulder is screwed.*
115933. A. J. A. Asplund, Method and apparatus for refining grist. (13th February 1968). Accepted on 25th September 1969.
- Comprising a rotor provided with a series of radially extending inclined blades for conveying the grist in a lenior direction through the apparatus and a stationary longitudinally extending cylinder surrounding the drum, characterised in having an axially extending uneven surface on the interior wall of the cylinder.*
116171. The Dunlop Company Limited. Floor covering materials. [Addition to No. 112294]. Accepted on 24th September 1969.
- A coating of an air curable composition which includes, a filler and a funder comprising an aqueous dispersion of an interpolymers of ethylene with at least one further aliphatic alpha-mono olefin and an olefinically multi-unsaturated polyene.*
116757. Bird & Co. (Private) Limited. An improved method relating to suspension polymerization of vinyl monomers. Accepted on 26th September 1969.
- Method of preparing a co-polymer of styrene and divinyl benzene by suspension polymerisation in a two phase system which consists of (a) polymerisation catalyst dissolved in styrene is mixed with divinyl benzene (b) aqueous phase is formed of water containing a small dispersing agent (c) the aqueous phase and oil phase are mixed, stirred and heated from 50°C to 100°C to produce the spherical beads (d) the mixture is cooled, filtered and beads are washed with water.*
116793. Westinghouse Electric Corporation. High voltage circuit interrupter. Accepted on 20th September 1969.
- Each of the blocks forming the arc extinguishing material having relatively large and small openings, the inner wall portion of at least one of said blocks being adapted to break when the interrupter is interrupting high currents to increase the large opening through the associated block.*
116880. W. H. Miner, Inc. Cushioning assembly. Accepted on 23rd September 1969.
- An elongated housing arranged longitudinally of the centre sill, said housing having a chamber therein and front and rear actuating elements at the opposed ends of said chamber, a compressible solid in said chamber, force transmitting means extending through said coupler member and said housing.*
116894. A. C. Patel. Improvements in or relating to cutter or shearing device. Accepted on 20th September 1969.
- Characterised in that said frame body is adapted to carry a moveable and a fixed inverted L-shaped blade and an angle member projects cut through an inverted L-shaped transverse slot and a slotted angle is cut first from bended end.*
117035. Georgia-Pacific Corporation. Lock means for sliding doors and the like. Accepted on 23rd September 1969.
- Characterised by elongate permanent magnet means operatively secured to sill and having longitudinally extending poles, and a magnetic metal lock plate positioned on extending transversely across said sill.*
117061. International Standard Electric Corporation. Electromagnetic contact-breaking relay. (4th August 1967). Accepted on 23rd September 1969.
- Diaphragm and contact member constituting contacts of the relay and being capable of being separated from each other by the energization of a magnetic circuit that includes two magnetic members and the diaphragm.*
117258. Zinser-Textilmaschinen Gesellschaft Mit Beschränkter Haftung. Braking device for spinning and twisting spindles. Accepted on 20th September 1969.
- The resilient support is constructed as a press button of elastic material rigidly fixed between a first and second holding plate and preferably that the brake shoe is attached in a central bore of the press button.*
117352. Knapsack Aktiengesellschaft. Process for reducing the 2-chlorobutadiene- (1, 3) and benzene contents of 1, 2-dichloroethane recovered from 1, 2-dichloroethane thermally cracked into vinyl chloride. Accepted on 22nd September 1969.
- Comprises heating dry contaminated 1, 2-dichloroethane in a closed vessel with 0.01 to 0.5% by weight anhydrous aluminium chloride at 70° to 150°C for 24 to 48 hours.*
117506. V. C. P. Kittu. Improvements in or relating to centrifugal pump systems, more particularly, open deep centrifugal pump systems and the like. Accepted on 22nd September 1969.
- Centrifugal pump provided with suction and delivery pipes having suction and delivery ends, the air outlet of the said pump being connected to the delivery pipe by means of a tube, at least one valve member provided in the said delivery pipe disposed close to the pump and above the point of communication of said air outlet and said delivery pipe.*
117535. Macneill & Barry, Limited. Triple-tube core-barrel for drilling. Accepted on 24th September 1969.
- A drilling apparatus to propose a construction which will enable recovery of an undisturbed core from soft and friable formations such as sands containing warse quarse quart pabbles, clay seams or weathered granites.*
117565. Institut De Recherches De La Siderurgie Francaise. Process and device for drawing off refining gases. Accepted on 26th September 1969.

Amount q of gases extracted into the extraction tube to a valve tower than amount Q in normal operation of gases produced during refining reactions, the amount of gases extracted into the extraction tube linked to the last receptacle to a valve equal to $Q - q$.

117717. Ranney International S. A. Digging head for water collector pipe. Accepted on 25th September 1969.

An elongated hollow body extending between a forward end and an after end, said after end including a portion which is annular in transverse section and said forward end including a portion which in transverse section includes a substantially U-shaped base surmounted by an arcuate dome.

117873. Mississippi Chemical Corporation. Method of producing concentrated solutions of mixed ammonium salts of boric, phosphoric and sulfuric acids. Accepted on 20th September 1969.

Comprises steps of (a) adding boric acid to an aqueous solution of at least 50 p.p.m. concentration of the ammonium salts of phosphoric and sulfuric acid free from phosphoric acid in a weight ratio and (c) then adding ammonium to have major portion of phosphoric acid salt as diammonium phosphate.

117954. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Films of polytetrafluorethylene and process for making them. Accepted on 26th September 1969.

Comprises rolling pulverulent polytetrafluorethylene at 100°C to 325°C and sintering at 327 to 400°C together with a drawing in the transverse or transverse and longitudinal directions.

117993. Elastmetall-Damme/Oldenburger G.m.b.H. Improvements in and relating to injection syringes. (5th February 1968). Accepted on 25th September 1969.

Sealing ring is disposed in a radial groove in the plunger, the groove being wider than the cross section of the sealing ring and the base surface of the groove follows a course ascending outwardly in opposite direction to the direction of movement of the plunger.

118108. Ordena Trudovogo Grasnogo Znamenii Zavod "Avtoosteklo". A glass and a glass crystalline material. Accepted on 20th September 1969.

Glass composition having by percentage weight SiO_2 —60.3–63.5%, CaO —22–25%, MgO —1–3.5%, MnO —0.1–2.0%, Al_2O_3 —6–8.5%, Na_2O —4.5–5.5%, TiO_2 —0.1% to 1.0%, Fe_2O_3 —0.1%–1.0%, and sulphide sulphur—0.3–0.46% and fluorine 1.0–2.0%.

118124. Moskovsky Zavod "Neftegaz". Anticorrosion lubricant for metal articles. Accepted on 20th September 1969.

Containing a mineral or synthetic oil mono and dialuminium magnesium complex salts of synthetic fatty acids of C_5 – C_6 , C_7 – C_9 , C_{10} – C_{16} C—C fraction and or fatty acids having 17 to 18 carbon atoms, and/or ceresine.

118496. The Air Preheater Company, Inc. A nozzle for producing a spray for cooling towers. Accepted on 24th September 1969.

Comprising in combination a chamber having an entrance for a fluid under pressure, one wall of the chamber having an outlet opening for a fluid, a diffusion means extending freely through the opening and secured to the opposite wall of the chamber.

118783. Esso Research and Engineering Company. Improved nitrophosphate fertilizer process. Accepted on 20th September 1969.

Characterized by mixing a bisulphate-containing material selected from the group consisting of potassium bisulphate, ammonium bisulphate and mixtures thereof with ammonium sulphate with the source of phosphorus and acid material,

118833. Thomas Mouget & Co., (India) Ltd. Improvements in or relating to building blocks. Accepted on 23rd September 1969.

Made from coke breeze or fly ash using cement as binding agent.

118896. Scovill Manufacturing Company. Tire valve core. Accepted on 25th September 1969.

An annular resilient sleeve disposed about barrel and adapted to seal core in stem, a spring biased valve pin having an enlarged rounded head disposed at the entering end of the valves and annular resilient packing means disposed about said pin.

119120. The Birmingham Small Arms Company Limited. Improvements in or relating to means for sampling bulk materials. (28th December 1967). Accepted on 25th September 1969.

Sample container mounted at one end of a pair of spaced arms for arcuate movement at a controlled speed through the material stream, wherein movement is imparted to the sample container.

119289. R. K. Lindner, G. Lindner and G. Lindner. Metal link for aligning cartridges on belts for use in quick firing weapons. Accepted on 23rd September 1969.

A metal link or a connecting member which can be assembled with other links or connecting members so as to form cartridge belts for use with quick firing firearms.

119700. E-Z Mills Inc. Elastic weft knitted rib fabric. Accepted on 22nd September 1969.

Wherein the length of the loops of the knitted courses of crimped synthetic yarn are shorter than the length or loops of the knitted courses of cotton yarn when the fabric is in the relaxed non-stretched state.

120843. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (20th April 1968). Accepted on 26th September 1969.

Comprising at least one intermediate generally circumferential maindrainage groove of a width substantially greater than the width of generally circumferential main-drainage shoulder.

121003. Societe Des Forges Et Ateliers Du Creusot. Improvements to turbine runners having adjustable blades and applies more particularly to turbines of the bulb type. Accepted on 8th September 1969.

The partition between the control chamber and the control chamber has a central bore through which a counter-rod passes which is disposed in extension of and is rigidly secured to the control rod and has the same diameter as the latter.

121540. Otis Elevator Company. Improvements relating to elevator hoisting machine. (14th June 1968). Accepted on 24th September 1969.

Wherein the sheave shaft positioned on one side of the speed reducer can be angularly displaced and secured in an immovable position on the opposite side of the speed reducer.

122712. Shell Internationale Research Maatschappij N. V. Process for the production of chlorinated hydrocarbons by oxychlorination. (23rd January 1967). [Divisional date 22nd January 1968]. Accepted on 22nd September 1969.

Process for the production of chlorinated hydrocarbons by oxy-chlorination of hydrocarbons in the presence of a fluidised catalyst.

Opposition Proceedings

An opposition has been entered by Arun Kumar Sinha to the grant of a patent on application No. 111646, made by Monsanto Company.

Correction of Clerical errors

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the drawings of patent application No. 114412 was corrected on 26th September 1969.

Patents Sealed

76517. 77439 77842. 78046. 78144. 78667. 78741. 79687.
79814. 80038. 80086. 80954. 81020. 81071. 81396. 81957.
82445. 83308. 84842. 84984. 84992. 85236. 86077. 86357.
86776. 86832. 87785. 88318. 88563. 88586. 89153. 89689.
90004. 91168. 91182. 92297. 92404. 92766. 94697. 95416.
95592. 100287. 101972. 104339. 105951. 106066. 109473.
109516. 109564. 109598. 109620. 109628. 109630. 109706.
109716. 109891. 109893. 109918. 109998. 110149. 110233.
110266. 110278. 110467. 110468. 110604. 110627. 110633.
110657. 110880. 110884. 111008. 111434. 111636. 111723.
111738. 112107. 112313. 112372. 112720. 112902. 113012.
113315. 113347. 113427. 113530. 113670. 113950. 114140.
114418. 114705. 117773. 119073. 119142.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that G. K. N. Screws & Fasteners Limited, a British Company, of Heath Street, Birmingham 18, in the County of Warwick, England, seek leave to amend the description and claims in the specification of the patent application No. 100465. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the patent office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Allied Chemical Corporation, a corporation organised and existing under the laws of the State of New York, United States of America, of 61 Broadway, New York, 6, New York, United States of America, seek leave to amend specification in respect of patent application No. 103488. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the patent office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Farbenfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, of Leverkusen, Federal Republic of Germany, Manufacturers, seek leave to amend the description and claims in the specification of patent No. 106253. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that The B. F. Goodrich Company, a corporation organised under the laws of the State of New York, United States of America, of 277 Park Avenue, New York, New York, United States of America, seek leave to amend the claims in the specification in respect of patent application No. 113638. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the patent office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free

of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

52861. 53240. 55355. 55386. 55563. 55577. 55602. 55606.
55622. 55637. 55645. 55672. 55688. 55689. 55690. 55823.
56034. 56056. 58564. 58647. 58648. 58665. 58729. 58790.
58802. 58878. 58912. 58955. 61588. 61905. 61958. 62057.
62093. 62113. 62114. 62149. 62155. 62156. 62193. 62437.
65418. 65448. 65449. 65468. 65605. 65606. 65638. 65770.
65911. 66268. 68046. 69242. 69332. 69393. 69419. 69495.
69511. 69874. 69985. 70025. 70103. 70189. 70469. 70550.
73438. 73489. 73512. 73534. 73540. 73578. 73601. 73645.
73652. 73734. 73793. 73794. 73795. 73914. 73983. 74457.
74706. 74707. 74708. 74709. 75083. 75284. 76152. 78389.
78703. 78779. 78808. 78814. 78823. 78824. 78876. 78877.
78878. 78902. 78946. 78965. 78973. 78989. 79003. 79005.
79051. 79147. 79196. 79221. 79338. 79341. 79381. 79383.
79459. 79469. 79603. 79655. 80119. 83270. 83873. 84268.
84361. 84398. 84444. 84457. 84479. 84484. 84497. 84506.
84607. 84647. 84670. 84675. 84690. 84699. 84725. 84746.
84747. 84782. 84783. 84784. 85020. 85071. 85081. 85164.
85272. 85303. 85323. 85365. 89579. 89689. 90106. 90107.
90108. 90145. 90160. 90232. 90233. 90277. 90293. 90318.
90325. 90335. 90336. 90350. 90530. 90571. 90626. 90644.
90645. 90750. 90772. 90790. 90841. 90929. 90935. 90936.
90961. 90963. 91228. 91570. 91571. 91716. 93317. 93318.
94999. 95286. 95289. 95534. 95539. 95608. 95687. 95710.
95822. 95829. 95892. 95906. 95913. 95962. 95963. 95972.
96013. 96025. 96031. 96055. 96057. 96125. 96128. 96197.
96219. 96220. 96222. 96239. 96242. 96243. 96292. 96296.
96307. 96384. 96385. 96424. 96509. 96539. 96666. 96734.
96764. 97038. 97096. 97186. 97440. 97465. 97466. 97467.
101715. 101716. 101717. 101771. 101822. 101868. 101870.
101882. 101890. 101897. 101905. 101906. 101908. 101909.
101943. 101987. 101988. 101989. 102096. 102097. 102098.
102103. 102104. 102139. 102140. 102153. 102162. 102173.
102231. 102248. 102249. 102254. 102255. 102256. 102292.
102322. 102347. 102351. 102458. 102465. 102511. 102654.
102707. 102709. 103446. 107280. 107387. 107596. 107677.
107734. 109467. 116035.
50489. 50491. 50511. 50550. 50590. 50595. 50599. 50630.
50637. 50645. 50657. 50661. 50701. 50722. 50729. 50733.
50741. 50742. 50743. 50744. 50759. 50762. 50764. 50796.
50847. 50852. 50859. 50886. 50897. 50909. 50944. 50945.
50946. 50956. 50989. 50992. 51012. 51014. 51022. 51023.
51033. 51050. 51057. 51058. 51063. 51074. 51081. 51086.
51100. 51101. 51105. 51106. 51112. 51135. 51137. 51150.
51151. 51180. 51185. 51202. 51215.

Restoration Proceedings

An order has been made on the 19th September 1969, restoring the patent No. 85671, dated as of the 18th December 1962, granted to Tamotsu Watanabe for "an electrostatic coating apparatus of spray-gun type".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The date shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 136383 to 136408. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra. Nationality—Indian Company, "Textile goods", September 3, 1969.

Cancellation of the Registration of Designs

The application made by C. J. Industries (LNL), for cancellation of the registration of design No. 131741 in the name of M/s. Mazda Motors (India), which was notified in Part III, Section 2 of the Gazette of India dated the 3rd May 1969, has been dismissed.

S. VEDARAMAN

Controller General of Patents, Designs and Trade Marks,